

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013732**Date Inspected:** 04-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Deck panel for Lift 12. The weld designations reviewed are as follows: NWIT-05658.

DP3045-001-001,002.

DP3043-001-009,010.

DP3043-001-335,336.

DP3045-001-335,336.

OUTSIDE SHOP

SMAW welding of repair weld joint 4G-004 located on PCMK CA076 of segment 10BE welder is identified as 043661.ZPMC QC is identified as Mr.Li ping . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-4G(4F)-FCM-repair-1.

SMAW welding of weld joint 3F-029 located on PCMK CA077 of Segment 10CE welder is identified as 067656. ZPMC QC is identified as Mr. Li ping . The welding variables recorded by QC appeared to Comply with the

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WPS-B-T-4113-2.

SMAW welding of weld joint 3F-070 located on PCMK CA078 of Segment 10CE welder is identified as 043661. ZPMC QC is identified as Mr. Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-T-4113-2.

BAY#19

FCAW welding of weld joint 2F-026 located on PCMK SB007-048 of Lift 7 welder is identified as 062749. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-032 located on PCMK SB008-048 of Lift 8 welder is identified as 062757. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2G-031 located on PCMK SB014-056 of Lift 8 welder is identified as 062738. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint 1G-001 located on PCMK SB014-058 of Lift 8 welder is identified as 062807. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
